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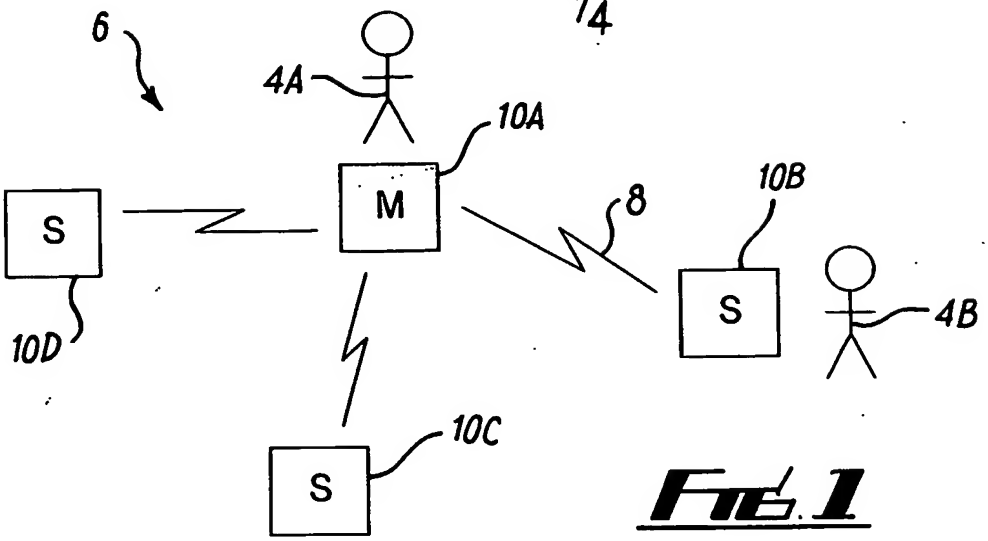

FIG. 1

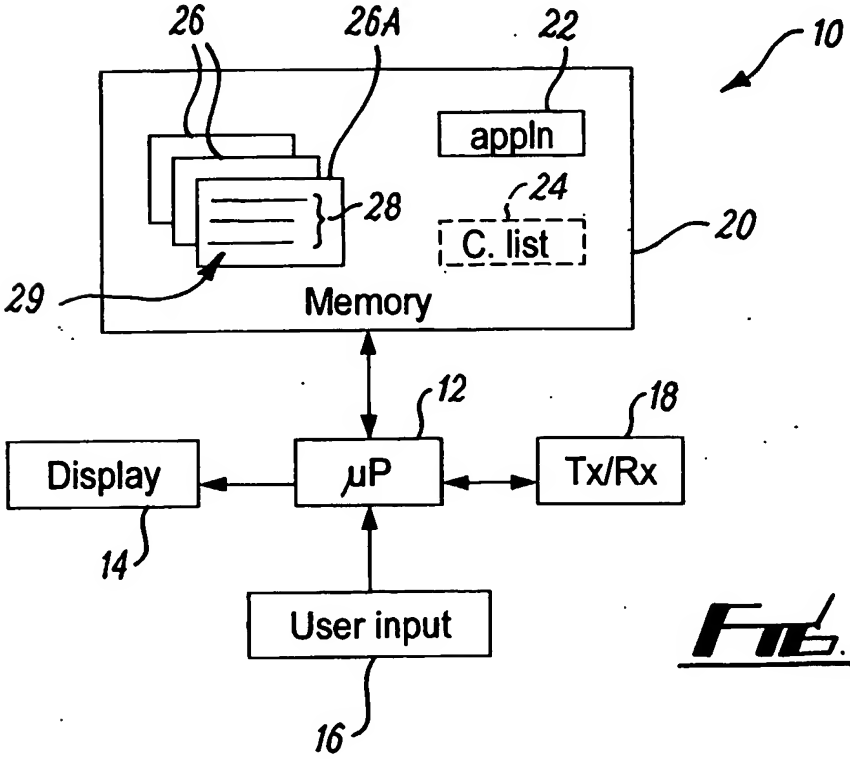

FIG. 2

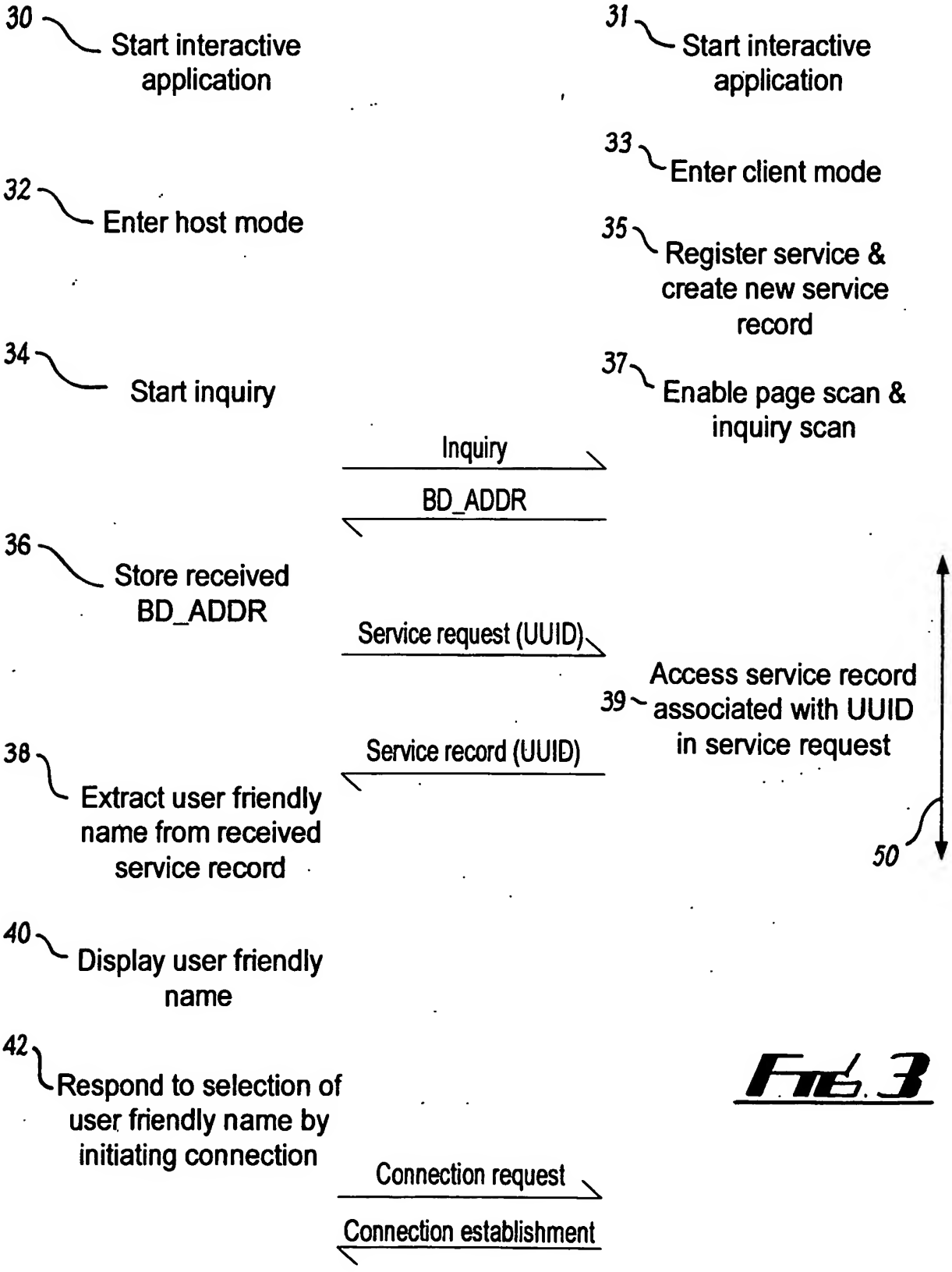
First Device 10A
Second Device 10B
30 Start interactive application
31 Start interactive application
33 Enter client mode
32 Enter host mode
35 Register service & create new service record
34 Start inquiry
37 Enable page scan & inquiry scan
Inquiry
BD_ADDR
36 Store received BD_ADDR
Service request (UUID)
39 Access service record associated with UUID in service request
Service record (UUID)
38 Extract user friendly name from received service record
50
40 Display user friendly name
42 Respond to selection of user friendly name by initiating connection
Connection request
Connection establishment

FIG. 3

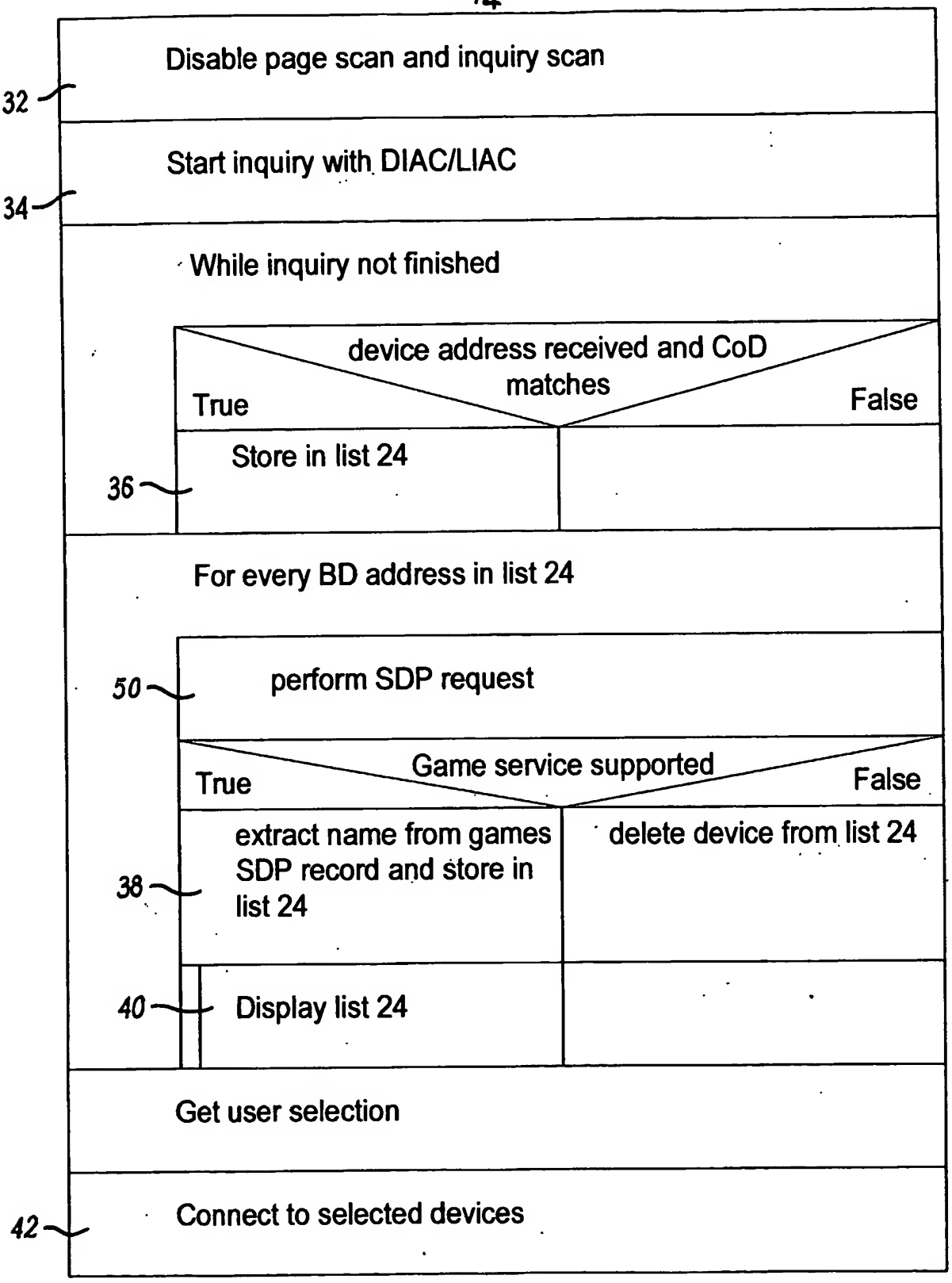
Disable page scan and inquiry scan
32
Start inquiry with DIAC/LIAC
34
While inquiry not finished
device address received and CoD matches
True
False
Store in list 24
36
For every BD address in list 24
50
perform SDP request
Game service supported
True
False
extract name from games SDP record and store in list 24
delete device from list 24
38
40
Display list 24
Get user selection
Connect to selected devices
42

FIG 4

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Register UUID and device name for the game
Set DIAC/LIAC for inquiry scan
Enable page scan and inquiry scan
Wait for incoming connection request
Present choice to join or cancel the incoming connection request
Disable page scan and inquiry scan

FIG. 5